

IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1. (*Currently Amended*) A wireless base station that constructs a wireless communication network using a system identification code for identifying a wireless communication network controlled by the base station, comprising:

a recognizing-means-for recognizing unit adapted to recognize a system identification code used by another wireless base station; and

a setting-means-for setting unit adapted to set a system identification code ~~used by for~~ identifying a wireless communication network controlled by the wireless base station, based on the system identification code recognized by said ~~recognizing-means unit~~,

wherein the setting unit sets the system identification code of the wireless base station different from the system identification code of the another wireless base station recognized by the recognizing unit.

2. (*Currently Amended*) A wireless base station according to claim 1, further comprising:

a first receiving-means-for receiving unit adapted to receive a notification signal including ~~[[a]]~~ the system identification code from the another wireless base station; and

wherein said ~~recognizing-means unit~~ recognizes the system identification code used by the another wireless base station based on the notification signal received by said first receiving-means.

3. (*Currently Amended*) A wireless base station according to claim 1, further comprising:

a second receiving-means-for receiving unit adapted to receive a signal from a communication apparatus whose communication is controlled by the another wireless base station; and

wherein said ~~recognizing-means unit~~ recognizes the system identification code used by the another wireless base station based on the signal received by said second receiving-means unit.

4. (*Currently Amended*) A wireless base station according to claim 3, wherein said second receiving-means unit receives a response signal responsive to a request from the wireless base station.

5. (*Canceled*)

6. (*Currently Amended*) A wireless base station according to claim 1, further comprising:

a generating means for generating unit adapted to generate the system identification code; and

~~— wherein set by said setting unit means sets the system identification code generated by said generating means based on the system identification code recognized by said recognizing means.~~

7. (*Currently Amended*) A wireless base station according to claim 6, wherein said generating means unit generates ~~[[a]]~~ the system identification code that is different ~~to~~ from the system identification code previously generated, based on the system identification code recognized by said recognizing means unit.

8. (*Currently Amended*) A wireless base station according to claim 6, wherein said generating means ~~automatically~~ unit generates the system identification code.

9. (*Currently Amended*) A wireless base station according to claim 6, wherein said generating means unit generates the system identification code based on an operation by a user.

10. (*Currently Amended*) A wireless base station according to claim 1, wherein said recognizing means unit recognizes the system identification code used by a plurality of channels.

11. (*Original*) A wireless base station according to claim 1, wherein the system identification code is a Service Set Identifier for use in a wireless LAN communication according to IEEE 802.11 Standard.

12. (*Currently Amended*) A wireless base station according to claim 1, wherein said wireless base station is an access point for performing a wireless LAN communication according to IEEE 802.11 Standard.

13. (*Currently Amended*) A control method for a wireless base station that constructs a wireless communication network using a system identification code for identifying a wireless communication network controlled by the wireless base station, comprising:

a recognizing step of receiving a system identification code used by another wireless base station; and

a setting step of setting a system identification code ~~used by~~ for identifying a wireless communication network controlled by the wireless base station, based on the system identification code recognized in said recognizing step.

wherein the setting step sets the system identification code of the wireless base station different from the system identification code of the another wireless base station recognized in said recognizing step.

14. (*Currently Amended*) A computer-readable storage medium storing a computer program for controlling a wireless base station that constructs a wireless communication network using a system identification code for identifying a wireless communication network controlled by the base station, the program comprising:

a recognizing module for recognizing a system identification code used by another wireless base station; and

a setting module for setting a system identification code ~~used by~~ for identifying a wireless communication network controlled by said wireless base station, based on the system identification code recognized by said recognizing module,

wherein the setting module sets the system identification code of the wireless base station different from the system identification code of the another wireless base station recognized by the recognizing module.